

Weekly Highlights (February 27 through March 4, 2012)

Task Order 0041, Analytical and Laboratory Support

TDF 02081 – Provide Sample Log-in and Other Ancillary Tasks in Support for the Dimock Residential Groundwater Site (Fast Turnaround Time Analyses), assigned 2/15/12, due 9/30/12 – ESAT was assigned the task of performing sample log-in, sample processing support, and ancillary tasks (e.g., glassware washing, reagent prep, etc.) to support the analytical tasks for this Superfund site. In addition, ESAT may be required to provide sample preparation support. ESAT will be notified if this support is needed. Glassware washing activities were performed under this TDF this week.

February 27 through March 4, 2012

Task Order 0041

Task 1 - Analytical and Laboratory Support - Site Specific

WO#	TDF / TO	Site / Request #	Samples / Matrix	Assigned	Due	Submitted	Accepted	Status
1201017	02084	Ex. 4 - CBI	3 Air, TO-15	2/16/12	P: 2/21/12 F: 2/28/12	P: 2/14/12 F: 2/27/12	2/28/12	The final report was consolidated 2/28/12. Three samples were received 1/31/12. Originally assigned as TO 0036, TDF 01078.
1202008	02094		4 Air, TO-15	2/22/12	3/28/12	Pending		Four samples were received 2/22/12. Sample analyses are currently in progress.
1202009	02113		3 Air, TO-15	2/24/12	P: 3/16/12 F: 3/23/12	P: Pending F:		Three samples were received 2/24/12. Sample analyses are currently in progress.
1202010	02119		8 Air, TO-15	2/27/12	P: 3/23/12 F: 3/26/12	P: Pending F:		Four samples were received 2/27/12. An additional four samples were received 3/2/12. Sample analyses are currently in progress.

P = Preliminary report, F = Final report

Task Orders 0036 & 0041

Analytical and Laboratory Support – Non-Site Specific

Task	Description	Activity	
2	Instrument Maintenance	All instruments were fully functional.	
3	Sample Custody	New Requests	No new requests were accepted for ESAT this week.
		Canister Deliveries	Evacuated canisters were shipped this week for Ex. 4 - CBI Landfill (DAS# R33925). No evacuated canisters are scheduled to be shipped next week.
		ESAT Sample Receipt	ESAT samples were received this week for Ex. 4 - CBI (WO# 1202010).
		EPA Sample Receipt	No EPA Superfund samples were received by ESAT this week.
		Report Consolidation	The final report was consolidated this week for Ex. 4 - CBI (WO# 1201017).
4	Glassware Cleaning and Lab Cleanliness	Both glassware washing units and both oven were fully functional.	

February 27 through March 4, 2012

Task Orders 0036 & 0041

Analytical and Laboratory Support – Non-Site Specific

Task	Description	Activity
5	Reagents and Supplies	The weekly chemical inventory was completed 3/2/12, and the report was submitted to the PO. The monthly gas cylinder inventory was completed 2/27/12 and copies of the report were submitted to both the PO and the Laboratory Branch Technical Monitors.
6	Lab Safety	None.
7	Review SOPs and Guidance Documents	ESAT is reviewing SOP R3QA051-011812, Sample Receipt, Log-In, Chain of Custody, and Disposal Procedures.
8	New Capabilities/Method Development	<p>TDF 03061, TO-15 Pilot Study – Draft/Verbal Technical Direction, Assigned 3/17/11, Various Interim Due Dates (Final Report Due 6/30/11) – As a result of the TO-15 Pilot Study Conference Call held 3/14/11, ESAT was assigned to complete the tasks listed below, which have been completed:</p> <ul style="list-style-type: none"> • Prepare a set of test bottles (1 under vacuum and 1 without vacuum) and a micro vacuum gauge with one connector for field samplers to utilize / test sample collection procedures for the Air Pilot Study by the end of the week. Sample containers shall be shipped in a shipping case. • Field Sampler will test on Friday and provide feedback / results of testing bottles. • Check with Entech to determine how existing sampling line would connect to the bottles for field sampling. • Prepare canisters (1 per location / sample station) and sample bottles (2 per station location / sample station). In addition, include a return shipping label/UPS air bill to be sent to the field samplers for sampling the first full week of April (4/4/11 thru 4/8/11) for the April sampling. Two stations were selected at the Ex. 4 - CBI site for the air pilot study: WSINFA and WSCARBA. <p>The analyses of air samples have been completed for the Summa canisters and amber bottles, received from the Ex. 4 - CBI site under DAS# R33677. A report containing a review and comparison of the results obtained from these analyses was submitted 7/13/11. The report was returned to ESAT and we are currently awaiting a feedback form from the sampler. The return of the micro-vacuum gauge is also currently pending.</p>
9	Quality Assurance Compliance and Documentation	No documents were received by ESAT for login this week.